Technical Specifications

Table 9 provides technical specification for PanelView Plus 6 Compact terminals.

Table 9 - Technical Specifications - PanelView Plus 6 Compact Terminals

Attribute	400 Grayscale 2711PC-K4M20D8	400 Color 2711PC-B4C20D8	600 Grayscale 2711PC-T6M20D8	600 Color 2711PC-T6C20D8	1000 Color 2711PC-T10C4D8
Operator input	Keypad	Keypad and touch	Touch	Touch	Touch
Display type	Grayscale TFT LCD	Color active-matrix TFT	Grayscale TFT LCD	Color active-matrix TFT	Color active-matrix TFT
Display size	3.5 in.	3.5 in.	5.7 in.	5.7 in.	10.4 in.
Display area (WxH)	70 x 53 mm (2.8 x 2.3 in.)	70 x 53 mm (2.8 x 2.3 in.)	115 x 86 mm (4.5 x 3.4 in.)	115 x 86 mm (4.5 x 3.4 in.)	211 x 158 mm (8.3 x 6.2 in.)
Resolution	320 x 240, 16-levels gray	320 x 240, 18-bit color	320 x 240, 16-levels gray	320 x 240, 18-bit color	640 x 480, 18-bit color graphics
Luminance	320 cd/m^2 (Nits)	320 cd/m^2 (Nits)	440 cd/m^2 (Nits)	440 cd/m^2 (Nits)	300 cd/m^2 (Nits)
Backlight	White LED, not replaceable; 25,000 hours min at 25 °C (77 °F)		White LED, not replaceable; 25,000 hours min at 25 °C (77 °F)		CCFL, 50,000 hours min at 25 °C (77 °F), field replaceable
Touch screen	—	Analog resistive 4-wire; actuation 1 million presses; operating force 10…110 g			Analog resistive 8-wire; actuation 1 million presses; operating force 10…110 g
Keypad description	• Stainless-steel membrane • Numeric, navigation, and function keys • Actuation: 1 million presses; operating force: 340 g	—			
Keypad function keys	8 function keys (F1…F8)	—			
Battery (real-time clock)	Battery-backed clock timestamps critical data, accuracy is ±2 minutes per month Battery life: 4 year min at 25 °C (77 °F) Field-replaceable: cat. no. 2711P-RY2032 or equivalent CR2032 coin-cell lithium battery				
Memory	256 MB RAM, 512 MB nonvolatile memory (approx. 73 MB free user memory)				512 MB RAM, 512 MB nonvolatile memory (approx. 79 MB free user memory)
External storage	Secure Digital (SD) card, cat. no.1784-SDx, supported by hot-swappable SD card slot USB flash drive that is supported by high-speed, hot-swappable, 2.0 USB host port				
Operating system	Windows CE 6.0 operating system without extended features and Microsoft Office file viewers				
Software	FactoryTalk View Machine Edition software, version 6.10 or later; FactoryTalk ViewPoint software is not supported				
Communication ports	Ethernet (10/100 Mbps, Auto-MDI/MDI-X), RS-232, 1 USB host, and 1 USB device port.				Ethernet (10/100 Mbps, Auto-MDI/MDI-X), RS-232, 1 USB host.
Input voltage, DC	18…30V DC (24V DC nom); Requires the use of a Class 2 or safety extra low voltage (SELV) or protected extra-low voltage (PELV) power supply				18…30V DC (24V DC nom)
Power consumption, DC	15 W max (0.6 A at 24V DC), 9 W typical (0.375 A at 24V DC)				70 W max (2.9 A at 24V DC), 39 W typical (1.6 A at 24V DC)
Recommended external power supply	Cat. No. 1606-XLE120E, SELV or PELV isolated power supply; 100…240V AC, 250VA max				
Weight, approx	473 g (1.04 lb)	473 g (1.04 lb)	594 g (1.31 lb)	594 g (1.31 lb)	2.5 kg (5.6 lb)
Dimensions (HxWxD), approx	152 x 185 x 60 mm 6.0 x 7.28 x 2.35in.	152 x 185 x 60 mm 6.0 x 7.28 x 2.35in.	152 x 185 x 68 mm 6.0 x 7.28 x 2.86 in.	152 x 185 x 68 mm 6.0 x 7.28 x 2.86 in.	248 x 329 x 55 mm 9.77 x 12.97 x 2.18 in.
Cutout dimensions (HxWxD)	123 x 156 mm 4.86 x 6.15 in.	123 x 156 mm 4.86 x 6.15 in.	123 x 156 mm 4.86 x 6.15 in.	123 x 156 mm 4.86 x 6.15 in.	224 x 305 mm 8.8 x 12.0 in.